



Educational Topic

Air Traffic Management Trainer

Related Job Titles:

Air Traffic Management Instructional Designer, Air Traffic Services Trainer

Job Description:

This position is responsible for teaching recruits how to be air traffic controllers. This person must be knowledgeable in all of the air traffic control positions from flight service station to local control to TRACON control to Center control. This position requires years of experience prior to actual teaching. Additional training is needed in how to make presentations and instructing the adult learner. This person must demonstrate the abilities to communicate clearly, listen and respond appropriately, as well as understand all FAA regulations regarding aviation and flight rules.

Interests / Abilities:

- Can you explain difficult concepts to your friends?
- Is it easy for you to "think on your feet" and be decisive?
- Are you comfortable making presentations in front of your classmates?
- Do your friends depend on you to lead the group through the process of solving a problem?
- Do you enjoy using a computer to get information and to help solve problems?

Suggested School Subjects / Courses:

- Physics (science of flight)
- Meteorology
- Aviation
- Algebra and graphing of equations
- Computer training
- Communication/Speech

Education / Training Needed:

A two or four year college degree must be obtained before initiation of Air Traffic Control (ATC) training. You must then successfully pass the Federal Aviation Administration (FAA) aptitude test before beginning Air Traffic Control Training through the FAA. Additional computer training is beneficial for this job.

Areas of expertise:

- *Excellent listening and communication skills*
- *Thorough knowledge of the air traffic management system and the FAA regulations*
- *Complete knowledge of all air traffic management positions*

Additional Resources:

- Please take a moment to evaluate this product at:
http://ehb2.gsfc.nasa.gov/edcats/educational_topic
- Your evaluation and suggestions are vital to continually improving NASA educational materials.
Thank you.



What can I do right now?

- Professional Women Controllers, Inc.
<http://www.pwcinc.org/>
- Revolutionary Vehicle Concepts and Systems student competition
<http://avst.larc.nasa.gov/competitions.html>
- School of Aviation Science Air Traffic Control
<http://www.aviation.wmich.edu/home.html>
- Tech-Interns.com
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